National Institute of Environmental Health Sciences

An urban epidemic of human myiasis caused by Dermatobia hominis in French Guiana

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Abstract:

We report the onset of an urban epidemic of human myiasis caused by Dermatobia hominis. To our knowledge, this is the first urban epidemic described for D. hominis. The epidemic was most likely related to exceptional weather conditions and notably high rainfall in January 2000, which may have facilitated the maturation of the pupae.

Source: http://www.ajtmh.org/content/79/5/797.abstract

Resource Description

Exposure :

weather or climate related pathway by which climate change affects health

Meteorological Factors, Precipitation

Geographic Feature:

resource focuses on specific type of geography

Tropical

Geographic Location:

resource focuses on specific location

Non-United States

Non-United States: Central/South America

Health Impact:

specification of health effect or disease related to climate change exposure

Infectious Disease

Infectious Disease: Vectorborne Disease

Vectorborne Disease: Fly-borne Disease

Fly-borne Disease: Other Fly-borne Disease

Fly-borne Disease (other): myiasis

Resource Type:

format or standard characteristic of resource

Research Article

Timescale:

time period studied

Time Scale Unspecified